



## SEQUENCE LISTING

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<120> ENHANCERS SPECIFIC TO MOTOR NEURONS  
AND/OR SENSORY NEURONS

<130> P26510

<140> 10/525,725

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<160> 15

<170> PatentIn version 3.5

<210> 1

<211> 820

<212> DNA

<213> Danio rerio

<400> 1

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caaaaccctt ggcaaacgca catgcaagcg tacacacata aaggggcaaa atcatttttaa	240
ttagctgagt gaatgtgatt tgctgaatgc ggggaactag gctctgcaca cattaaaatt	300
ggtctaattt tctgcaaaaa agtcccatct gagtggacct ggccacagtc aatcaagtta	360
aaagctatgg gtgcttaatt tgatttacca atataaaatg caaatgaggt gattaagtgg	420
agaggggagg cagagtagga gcctctttta aaccatcaag ttaaattgtga acagacatcg	480
gactggcagc agcaagaatg ttttagcata ttcgtttgat tagaggtaca aaaatttaatt	540
tagtgtggct aattgcttga caaattgcag cacactactg aaaagacaga tttttttttt	600
aaaaccgtgc aaaaccctt ccgtgtggaa attttgtcca aatggcccct atgccaatat	660
gtgaaaagca taattaaata aatggaagat ggcacaacag taccttacia tagcaaatga	720
gataattgcc tgtaattagg tgggacacaa gtctatgtcc atatgtcgtg tttctcttca	780
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 tcatgcaaat tggctctgaag tggtgcttag acaatcttat tatatttaag aataaaaaact 120  
 tccatcaaga aattgtacaa agaaaatgga cacaccagct ggataaatct atcatgtgca 180  
 ggggggagta ggggaagcaa gcacttttaa ttagctgagt gaatgcagtt tggtgaacac 240  
 agaaagcaca gccttagtca tattaatatg tgcctaattt tctgtgaaaa agtcccatct 300  
 gaacaggcct gaccacagtc aatcatacta aaagccactg gtgcttaatt tgatttacca 360  
 atataaaatg caaattaggt tattaagtgg agtggcagac agagtagggc ccctttcaaa 420  
 ccatcaagtt aaatgcaagc agacagcaaa ctggctgtgc aaagaaaatt ttagcatatt 480  
 cgtttgatta gtgctacaaa aatttaatta gggttggttaa ttacttgaca aattgctcta 540  
 cacgagagaa aaggcagagg gttttttttt tcttttttca ttgcaaatat cctgtgtgta 600  
 ttttagccca aatgctatct gccaatgtgc aaaagcctta ttaaataaat ggaagatggt 660  
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 tgtcc 725

<210> 3  
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 <212> DNA  
 <213> Mus musculus

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 atacttccat caagaaattg tacaaaagaa aatggacaca ccagctggat aaatctatca 180  
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 caatataaaa tgcaaattag gttattaagt ggagtggcag acagagtagg gaccctttca 420  
 aaccatcaag ttaaatacaa gcagacagca aactggctgt gcaaagaaaa ttttagcata 480  
 ttcgtttgat tagtgctaca aaaatttaatt taggttggct aattacttga caaattgctc 540

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 ctgtgtgtat tttagcccaa atgctatctg ccaatttg 638

<210> 4  
 <211> 650  
 <212> DNA  
 <213> *Fugu rubripes*

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 tgggtctggga acagacaaca atgagacgta cagtaaaaca tgaggtgggc aattttatca 180  
 gagccccttc tgcaaacatg ggggaaaaag gggaaaatca ttttaattag ctaagtgaat 240  
 gtgatttggt gaatgcgagt ggagccaggc gctctactct gcacattaaa attggtctaa 300  
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 aagggtgattg tttggcacat tgacatcaga aagaaacact ctgcagcagc cataaatcct 600  
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 <212> DNA  
 <213> *Danio rerio*

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 aaaatgtggt aatttccatt taacaagcag tgttttagatt atataatgca tcaataaact 180  
 aactgtcatc actttctata aataaactat ttcctccta agccacattt actgggcaat 240  
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 caccacagca cactgtgtaa tcaataaact tgttttaggc aaagcacctt ttctagtgc 420  
 tcagacgatt aaccctccat taactatttc agaagctggt aatgcacct cagtcaataa 480  
 tgctaattcg aaaagctatt gtataagctg ttaagaaatg tgtattcata ttatggtaaa 540

gtggcaatct ttattacagg ctattacaaa ttgcaaaaaa agtcaatatg tgaggggaga 600  
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<210> 6  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens

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 ttatcatgga atatttcaaa tttattatca gtttcctaac acataatggt taatcggttaa 180  
 ggatagccac tttaacataa tatgaatacg catttctcca taggtaatac aacagttcct 240  
 gcattagcat tattgactaa ggtacattta acttcttcac taatacttaa tggaagggtta 300  
 atgtataagt caggagatta aatggctttt acttaaaaca agtatattga ttaaaataac 360  
 ttagtgagat ttttaagggt gatgatataa aaacagtcac acattttaat attttattta 420  
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 <211> 26  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: Synthetic  
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<400> 7  
 gaattcggat ccaaggtctt cagtct 26

<210> 8  
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 primer

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<210> 9  
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<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 9  
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<210> 10  
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<223> Description of Artificial Sequence: Synthetic primer

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<210> 11  
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<212> DNA  
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<223> Description of Artificial Sequence: Synthetic primer

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<210> 12  
<211> 30  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic primer

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<210> 13  
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<220>  
<223> Description of Artificial Sequence: Synthetic primer

<400> 13  
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<210> 14  
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<220>  
 <223> Description of Artificial Sequence: Synthetic primer

<400> 14  
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<210> 15  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

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 tgcgtattca tattatgtta aagtggctat ccttaacgat taaccattat gtgttagg 178